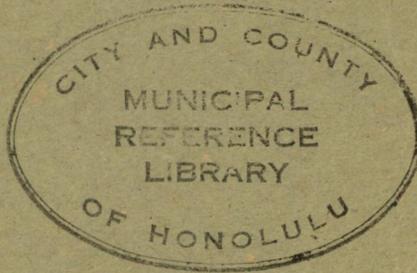
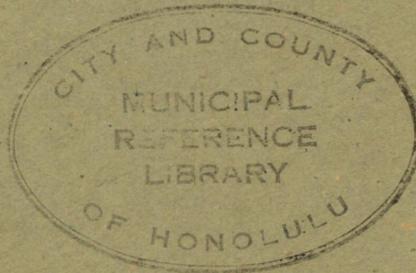


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**CITY PLANNING COMMISSION**  
CITY AND COUNTY OF HONOLULU



**ANNUAL REPORT**  
**1947**

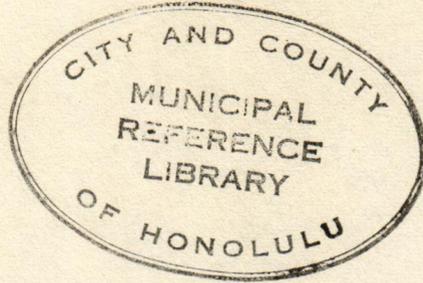


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**For Reference**

**Not to be taken from this room**

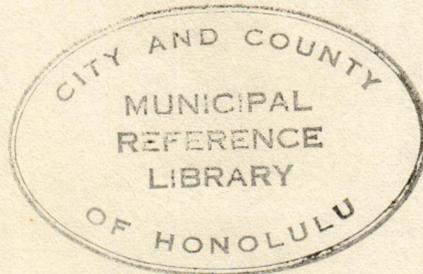
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CITY PLANNING COMMISSION  
" "  
CITY AND COUNTY OF HONOLULU

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ANNUAL REPORT  
REVIEW OF ITS WORK FOR THE YEAR 1947



2/19 April 1948 Copy #1

GEORGE P. DENISON, Chairman  
A. A. WILSON, Vice-Chairman  
GEO. K. HOUGHTAILING, Planning Engineer and  
Executive Secretary



GEORGE P. DENISON  
A. A. WILSON  
ALEXIS J. GIGNOUX  
THOMAS B. VANCE  
EDWARD A. BOLLES  
KENNETH W. ROEHRIG  
HENRY C. H. CHUN-HOON  
ROBERT K. MURAKAMI  
LESTER PETRIE

## CITY AND COUNTY OF HONOLULU

CITY PLANNING COMMISSION

HONOLULU HALE

HONOLULU 43, HAWAII

March 25, 1948

Honorable Mayor John H. Wilson  
and Members of the Board of Supervisors  
City and County of Honolulu  
Honolulu, Hawaii

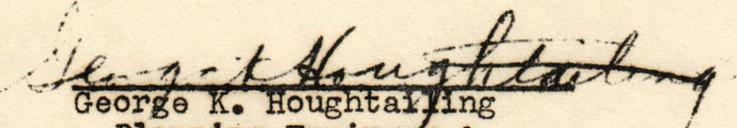
Gentlemen:

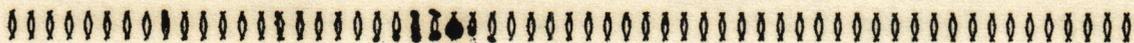
The City Planning Commission transmits here-  
with its Annual Report outlining its activities  
for the year 1947.

Respectfully submitted

CITY PLANNING COMMISSION

  
George P. Denison, Chairman

  
George K. Houghtaling  
Planning Engineer &  
Executive Secretary



CITY PLANNING COMMISSION

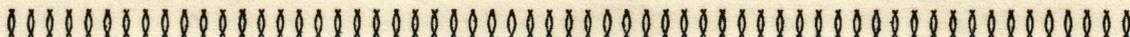
Members as of December 31, 1947

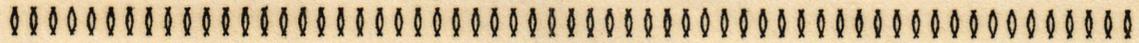
- |      |                     |               |
|------|---------------------|---------------|
| 1.   | George P. Denison   | Chairman      |
| 2.   | A. A. Wilson        | Vice-Chairman |
| 3.   | Alexis J. Gignoux   | Member        |
| 4.   | Thomas B. Vance     | Member        |
| 5.   | Edward A. Bolles    | Member        |
| 6.   | Kenneth W. Roehrig  | Member        |
| * 7. | Frederick P. Lowrey | Member        |
| 8.   | Henry Chun Hoon     | Member        |
| 9.   | Robert K. Murakami  | Member        |

George K. Houghtailing  
Head Planning Engineer  
and  
Executive Secretary

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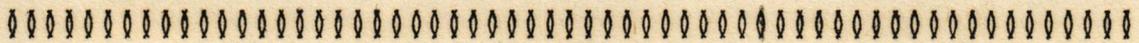
\* Resignation effective December 31, 1947

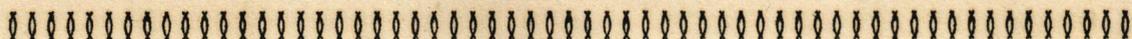




S T A F F      M E M B E R S

George K. Houghtailing	Head Planning Engineer
Edwin C. M. Lee	Planning Engineer
Walter K. Collins	Planning Engineer
Shigeru Matsuguma	Associate Cadastral Engineer
Wallace S. W. Kim	Associate Civil Engineer
Leighton S. C. Louis	Associate Civil Engineer
Richard Nagasawa	Assistant Civil Engineer
Robert Tsunoda	Principal Engineer Clerk
Conway Yamamoto	Principal Engineering Draftsman
Tsugio Nobuta	Engineering Draftsman
Robert Hinezumi	Assistant Engineering Aide
Camillia A. Leu	Senior Clerk-Stenographer
Virginia Hashimoto	Assistant Clerk-Stenographer
Ethel Misumi	Assistant Clerk-Stenographer





F O R E W O R D

It is gratifying to report for the year 1947 a marked trend of increase in the activities and accomplishments of your City Planning Commission. It is even more gratifying to note the keen interest shown by the public in its desire to cooperate and understand the broad concepts of planning for the betterment of the City and County of Honolulu. More and more there is recognition of the great possibilities inherent in city planning for fostering a better community and individual life.

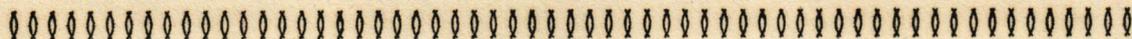
The urgency of land-use control, created by post-war distribution of population and building activities, demanded much time and study by the Commission members and its staff in reviewing subdivision and zoning applications.

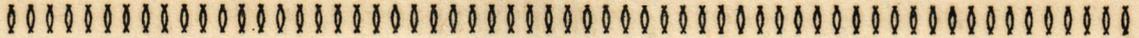
A review of the number of subdivision and zoning applications filed during the year shows a substantial increase over that of previous years. Coupled with the increase in its activities in reviewing subdivision and zoning applications, the Commission and its staff concentrated their efforts in the completion of the first phase of Master Plan Streets Layout and other features as mandated by the 1947 Legislature.

The Commission, during the past year, worked in cooperation with other governmental agencies, the Chamber of Commerce, and the various community associations of the City and County of Honolulu on the discussion and study of needed improvements such as streets, utilities, off-street parking, urban redevelopment, and revision of the subdivision and zoning ordinances.

Accomplishments of the City Planning Commission have been due to the citizens' interest and participation in planning together with the united cooperation of the Mayor and Board of Supervisors, the various municipal departments, the Chamber of Commerce, and other governmental agencies.

Sound, progressive steps toward better adaptation of a community or city to the needs of its citizens can only be accomplished through the result of careful and continuous planning.





M E E T I N G S

Fifty-two regular meetings and 70 public hearings were held during the year 1947 to consider subdivision applications, zoning changes and variance, and discussions of the various features of the Master Plan.

Because of the increase in the volume of routine activities, it was necessary to delegate investigational studies dealing with subdivisions, zoning, housing, proposed street improvements, and other miscellaneous matters to Committee study. This required additional meetings for Commission members.

Special conferences were held with Mayor and Board of Supervisors, representatives of other governmental departments, civic organizations, and interested parties on a variety of planning problems such as the opening up of land in Kalihi Valley for much-needed homesites, setting aside of Punchbowl Crater as a National Cemetery, Master Plan sections, including discussions on the much-needed mauka and makai arterials, Rural Protective Highway Zoning, off-street parking, pedestrian plaza for Fort Street, and numerous other important planning problems referred to the Commission for study and recommendation.

S U B D I V I S I O N S

SUBDIVISION APPLICATIONS

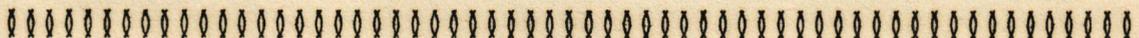
Listed herewith are subdivision applications considered during the year:

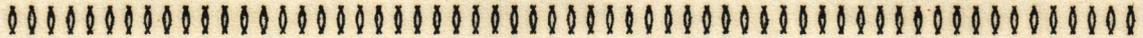
Total subdivision applications.....637

Actions:

Approval and final approval.....	398
Preliminary approval.....	151
Disapproved.....	37
Pending.....	46
Withdrawn.....	<u>5</u>

TOTAL.....637





Number of Lots within Subdivision Submitted:

Vacant lots.....	5,183
Lots with improvements.....	<u>366</u>
TOTAL.....	5,549

From the subdivisions submitted, it is noted that there was a vast number of vacant lots available for home building. This indicates a definite increase in land available for homesites, despite arguments to the contrary that there is no land available to meet the demands for homesites. A chart showing the trend of subdivisions over a period of eight years is noted as Exhibit I.

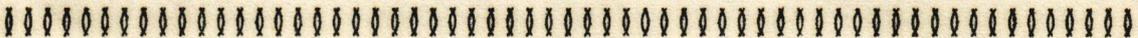
The year 1947 showed a 30 per cent increase in the number of subdivision applications submitted.

Cost of improvements:

The estimated cost of improvements, including road pavement, sidewalks, curbs, gutters, drainage and utilities (water and sewer) financed entirely by the private subdivider; total in excess of \$2,000,000. This is an increase of \$875,000 over the year 1946.

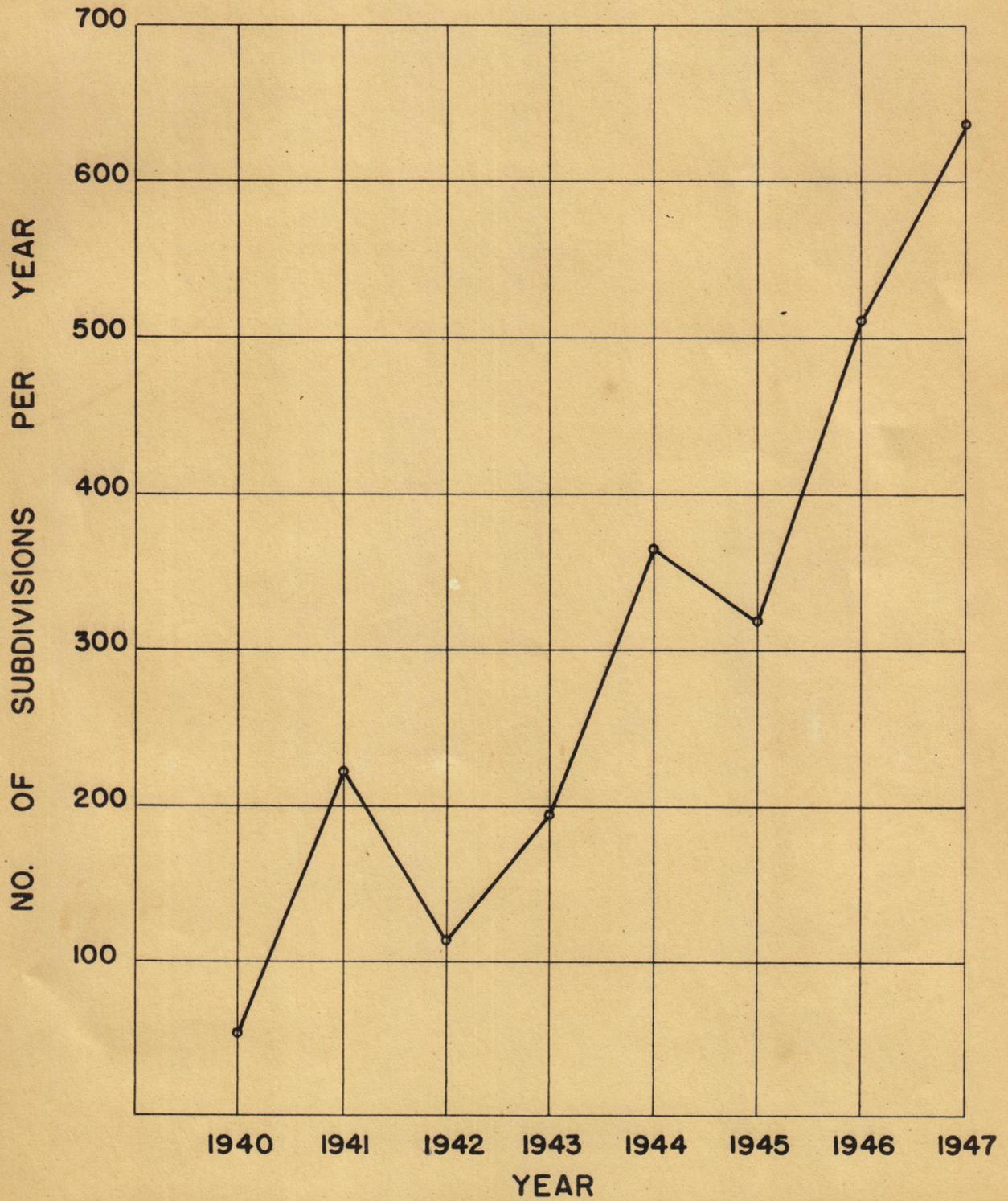
The savings to the City and County government in new street construction within new subdivisions have been due to the acceptance of the private subdivider of his responsibility to provide immediate service facilities and street improvements. These definitely enhance the value of property for sale and/or lease purposes. There is every indication that the private subdivider of land realizes the importance of planning his subdivision to conform to a plan coordinating his activities with others within the city.

In the absence of subdivision control and regulation, land has sometimes been subdivided with only one consideration in mind--maximum profits or returns for the subdivision. This type of land development has penalized the city in the past because it has burdened government officials with the responsibility of costly construction and maintenance of public service within a sub-standard area. The net result, of course, is additional cost in the operation of your City and County government. Subdivision regulations have been



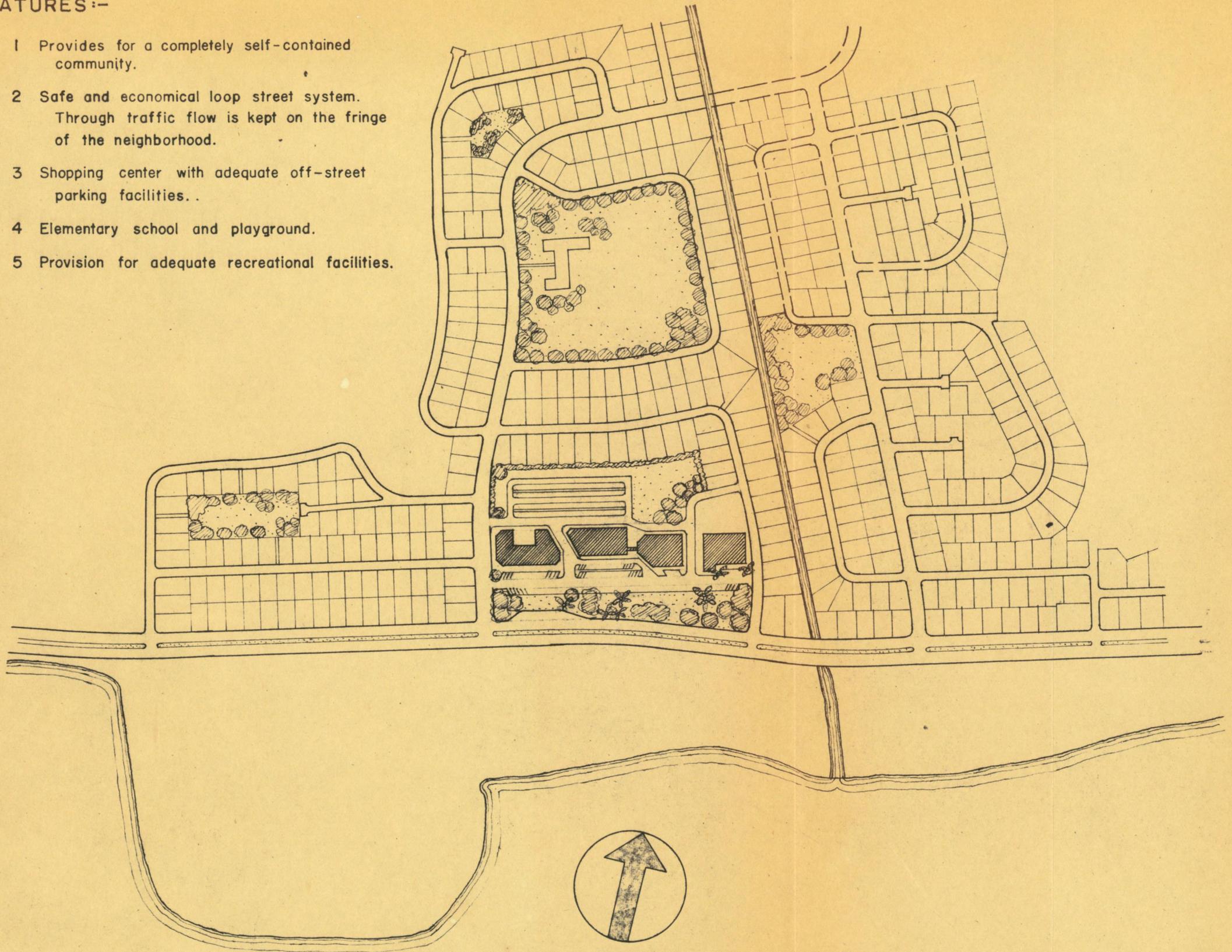


# TREND OF SUBDIVISIONS



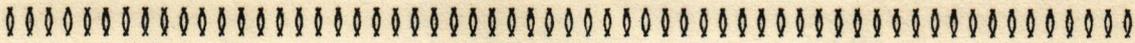
FEATURES:-

- 1 Provides for a completely self-contained community.
- 2 Safe and economical loop street system. Through traffic flow is kept on the fringe of the neighborhood.
- 3 Shopping center with adequate off-street parking facilities.
- 4 Elementary school and playground.
- 5 Provision for adequate recreational facilities.



AN EXAMPLE OF A PLANNED NEIGHBORHOOD

CITY PLANNING COMMISSION  
CITY & COUNTY OF HONOLULU



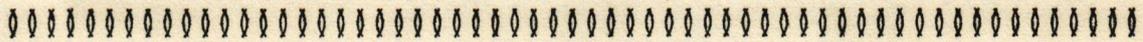
Z O N I N G

Zoning is the only effective way of stabilizing city growth. The success of zoning depends upon a practical and common-sense approach. Lack of knowledge as to the value and purposes of zoning has caused much public misunderstanding and sometimes ensuing disruption of careful zoning; Zone change applications for the year 1947 numbered 70, as compared to 56 for the preceding year.

During the past year, the Planning Commission has reviewed many requests to "spot zone" areas along our main thoroughfares for business purposes. In reviewing the applications, the Commission found that in most cases sufficient areas have already been zoned for the business needs of the community.

The Commission has been careful not to extend commercial zoning along major thoroughfares where experience has indicated that property could never be absorbed for that purpose, and the sporadic growth of stores would only result in the development of "ribbon development", which is not to the best interest of the public and the city. Our zoning, however, does recognize and encourage the group development of stores with off-street parking facilities which will add to the convenience of the community.

Much time has been well spent in working with community associations to protect older residential areas from an invasion of objectional and depreciating uses, and in zoning new residential neighborhoods. General laxity resulting from the war and the housing shortage has encouraged violation of the Zone Ordinance. The Commission has made a strong effort to "clean up" the violations, which not only depreciate land values, but give the city a dilapidated appearance. A complete survey is now being undertaken of non-conforming uses in violation of the Zone Ordinance. The Commission referred some 200 complaints of zoning violations to the Public Prosecutor's Office for investigation. Most of these were abated without difficulty, although two cases were prosecuted in the district court.





ZONING:

Request for zoning changes ..... 70

General Industrial ..... 4  
Approved ..... 3  
Disapproved ..... 1

Semi-Industrial ..... 1  
Approved ..... 1

Business District ..... 26  
Approved ..... 12  
Disapproved ..... 11  
Pending ..... 3

Hotel and Apartment ..... 11  
Approved ..... 1  
Disapproved ..... 4  
Pending ..... 6

Rural Business District ..... 17  
Approved ..... 11  
Disapproved ..... 3  
Pending ..... 3

Rural Residential ..... 1  
Approved ..... 1

Rural Class "AA" Residential ..... 5  
Approved ..... 3  
Pending ..... 2

Rural Class "AAA" Residential ..... 1  
Approved ..... 1

Rural Hotel and Apartment ..... 4  
Approved ..... 1  
Disapproved ..... 1  
Pending ..... 2

Request for zoning variances ..... 44

Approved ..... 21  
Disapproved ..... 17  
Pending ..... 6

DETAILS OF THE ZONING CHANGES AND VARIANCE PERMITS  
APPROVED ARE AS FOLLOWS:

GENERAL INDUSTRIAL

- No. 8 Kewalo - Northwest side of Coral Street
- No. 9 Moanalua - Puuloa Road and Kamehameha Highway
- No. 10 Ala Moana - Ewa of Keawe Street

SEMI INDUSTRIAL

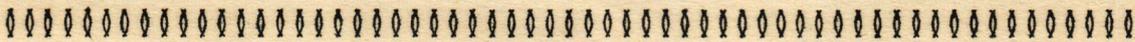
- No. 6 Kapalama - Northwest side of Waiakamilo Road

BUSINESS DISTRICT

- No. 132 Makiki - South corner of Wilder Avenue and Liholiho Street
- No. 133 Manoa - Southeast side of East Manoa Road, opposite Huapala Street
- No. 134 Kalihi - West corner of Kalihi Street and Akahi Street
- No. 135 Kaimuki - Corner of St. Louis Drive and Waialae Avenue
- No. 136 Kalihi - Easterly side of Pulaa Lane
- No. 137 Moanalua - North side of Kamehameha Highway
- No. 138 Kalihi - Southwest side of School Street, opposite Kino Street
- No. 139 Waikiki portion of Pahoa - North side of Kapiolani Blvd. opposite Kaimuki Avenue
- No. 140 Kapalama - Northeast side of School Street  
Ewa of Houghtailing Road
- No. 141 Kalihi - Corner of Kalihi Street and Nobrega Street
- No. 142 Liliha - North corner of Liliha Street and Kuakini Extension
- No. 143 Kalihi - South corner of Pahukui and Gulick Streets

HOTEL AND APARTMENT

- No. 8 Damon Tract - South side of Nimitz Highway



RURAL BUSINESS DISTRICT

- No. 21 Wahiawa - Southeasterly side of California Avenue
- No. 22 Wahiawa - Northwest side of Kilani Avenue
- No. 23 Wahiawa - North side of Olive Avenue
- No. 24 Wahiawa - Northeast side of Kukui Street between Kilani Avenue and California Avenue
- No. 25 Kailua - Between Kailua Road and Uluhau St.
- No. 26 Kailua - Off Uluhau Street, between Kihapai Street and Oneawa Street
- No. 27 Wahiawa - North side of Wilikina Drive
- No. 28 Aiea - Northeast side of Kamehameha Highway (Cooper Tract)
- No. 29 Aiea - Northeast side of Kamehameha Highway (Cooper Tract)
- No. 30 Wahiawa - South corner of Avocado Avenue and Walker Avenue
- No. 31 Wahiawa - South side of Walker Avenue

RURAL RESIDENTIAL

- No. 8 Wahiawa - North side of Wilikina Drive

RURAL CLASS "AA" RESIDENTIAL

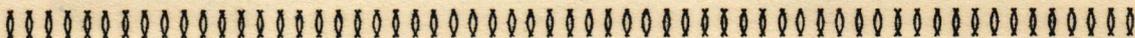
- No. 4 Waianae - Makaha Beach Lots
- No. 5 Wahiawa - End of Glen Avenue (Eames Tract)
- No. 6 Waianae - Makaha Beach Lots

RURAL CLASS "AAA" RESIDENTIAL

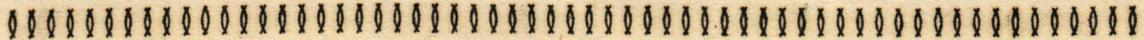
- No. 1 Wahiawa - 2500 feet northeasterly direction from intersection of California and Glen Avenues

RURAL HOTEL AND APARTMENT DISTRICT

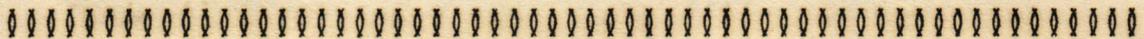
- No. 1 Wahiawa - North side of Wilikina Drive

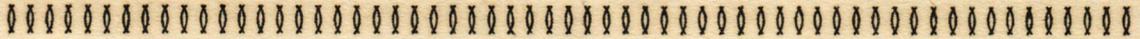






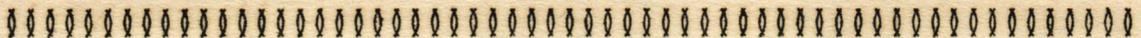
- No. 71 Ethel D. Gibson  
Location: Kapiolani Blvd., between McCully  
and Wiliwili Streets  
Purpose: Use of USED constructed building  
for warehouse purpose on temporary  
basis, in a Hotel and Apartment  
District.
- No. 72 Doctors David L. Pang and Frank Lee  
Location: 1741 Nuuanu Avenue  
Purpose: Operation of a Physicians' office  
in a Hotel and Apartment District.
- No. 73 Liliha Food Center  
Location: Corner of Liliha Street and  
Kunawai Lane  
Purpose: Operation of a store on the re-  
mainder of property after area  
was acquired for street widening.
- No. 74 Paul R. Agena  
Location: Corner of Nuuanu Avenue and  
Kuakini Street  
Purpose: Establishment of Professional  
Building in a Hotel and Apartment  
District.
- No. 75 Hawaiian Electric Company  
Location: Paalea Street, between Palolo  
Avenue and 9th Avenue  
Purpose: Establishment of Electric Sub-  
station in a Class "B" Residen-  
tial District.
- No. 76 Dr. Richard Y. Sakimoto  
Location: Victoria Street, between Young  
and King Streets  
Purpose: Establishment of Professional  
Building for doctors' office in a  
Hotel and Apartment District.
- No. 77 Joe Sing Lum  
Location: Corner of Kanealii Avenue and  
Pauoa Road  
Purpose: Re-establishing store in a Class

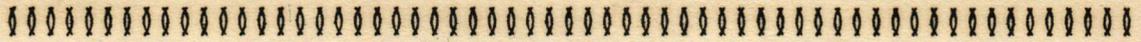




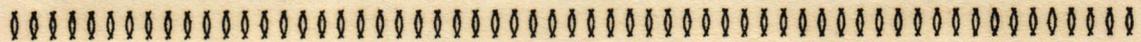
"B" Residential District, for the store eliminated by the widening of Pauoa Road.

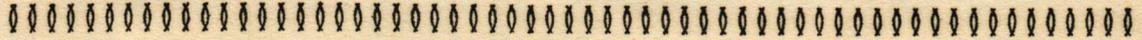
- No. 78 Victor K. Boyd  
Location: 1830 Lusitana Street  
Purpose: Use of existing buildings for apartment purpose in a Class "B" Residential District.
- No. 79 Don Beachcomber  
Location: Kalakaua Avenue, between Seaside and Kaiulani Avenues  
Purpose: Establishing a garden restaurant in a Hotel and Apartment District.
- No. 80 B. S. Yanagihara  
Location: Kaneohe, Koolaupoko  
Purpose: Operation of automobile repair shop and storage purpose in a Rural Residential District.
- No. 81 Iolani School  
Location: Laau Place  
Purpose: Use of existing USED constructed buildings in a Hotel and Apartment District for temporary storage purposes.
- No. 82 Mutual Telephone Company  
Location: Kuliouou  
Purpose: Establishment of dial telephone office in an Unrestricted Residential District.
- No. 83 Shige and Izu Murakami  
Location: Corner of Punchbowl and Halekauwila Streets.  
Purpose: Establishing for Industrial purpose within Fire District No. 1
- No. 84 Associated Mutual Aid Hui, by John K. Akau, Jr.  
Location: Palolo  
Purpose: Establishment of Day Care Center in a Class "B" Residential District.





No. 85 Victoria Ward  
Location: Ala Moana  
Purpose: Use of existing USED constructed  
buildings in a Hotel and Apart-  
ment District for temporary stor-  
age of materials and Technical  
School purpose.

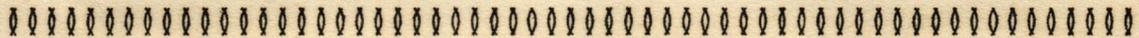


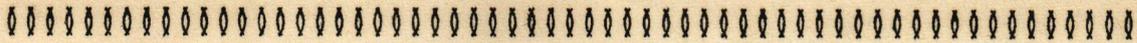


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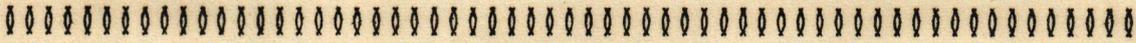
The following street names were adopted by the Mayor and Board of Supervisors upon the recommendation of the City Planning Commission during the year 1947.

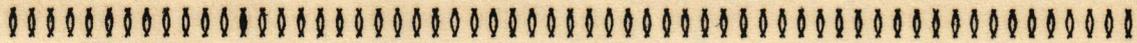
- 1. HAUULA HOMESTEAD ROAD - Resolution 19      X  
Hauula Park Tract, Hauula, Oahu
- 2. MAAKUA ROAD - Resolution 19  
Hauula Park Tract, Hauula, Oahu
- 3. HANAIMOA STREET - Resolution 19  
Hauula Park Tract, Hauula, Oahu
- 4. PUUOWAA STREET - Resolution 19  
Hauula Park Tract, Hauula, Oahu
- 5. WAIKULAMA STREET - Resolution 19  
Hauula Park Tract, Hauula, Oahu
- 6. KEALA ROAD - Resolution 19  
Hauula Park Tract, Hauula, Oahu
- 7. KAWAIPAPA ROAD - Resolution 19  
Hauula Park Tract, Hauula, Oahu
- 8. NOWELA PLACE - Resolution 31  
Coconut Grove, Kailua, off Oneawa Street
- 9. MONTEREY PLACE - Resolution 79  
Kahala Heights, off Monterey Drive
- 10. MAKAU STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 11. LAWAIA STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 12. HOLT STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 13. UPENA STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu





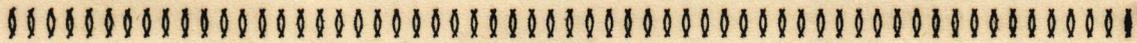
- 14. WIDEMANN STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 15. FRICKE STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 16. MOUA STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 17. LAHILAHI STREET - Resolution 94  
Makaha Beach Lots, Waianae, Oahu
- 18. AUYONG HOMESTEAD ROAD - Resolution 95  
Maili Lands, Waianae, Oahu
- 19. PAULA DRIVE - Resolution 95  
Kahala Heights View Lots
- 20. PAKAHI PLACE - Resolution 181  
Kahala Heights View Lots
- 21. PALUA PLACE - Resolution 181  
Kahala Heights View Lots
- 22. PILI PLACE - Resolution 181  
Kahala Heights View Lots
- 23. PAKOLU PLACE - Resolution 181  
Kahala Heights View Lots
- 24. PALOMA PLACE - Resolution 181  
Kahala Heights View Lots
- 25. KANEWAI STREET - Resolution 199  
Kanewai Subdivision, lower St. Louis Heights
- 26. KALUAWAA STREET - Resolution 199  
Kanewai Subdivision, lower St. Louis Heights
- 27. KAMAKINI STREET - Resolution 199  
Kanewai Subdivision, lower St. Louis Heights
- 28. SEABURY PLACE - Resolution 215  
Seabury Subdivision, off Lilipuna Road, Kaneohe



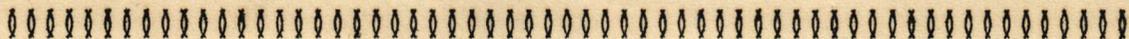


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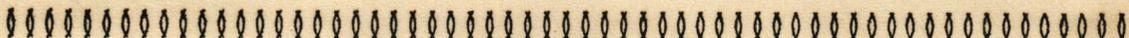
- 29. HALLIDAY PLACE - Resolution 225  
Seabury Subdivision, off Lilipuna Road,  
Kaneohe
- 30. MANAIKI PLACE - Resolution 229  
Kalihi, off 2700 block of Kalihi Street -  
waikiki side
- 31. MAKAIWA STREET - Resolution 235  
Bishop Estate Subdivision, Kahala, off  
Farmers Road
- 32. WAIOHINU DRIVE - Resolution 235  
B. P. Bishop Estate Subdivision, Kahala, off  
Makaiwa Street
- 33. MOREIRA STREET - Resolution 241  
Papakolea Residence Lots, off Tantalus Drive
- 34. KALOLINA STREET - Resolution 245  
Coconut Grove, Kailua, off Oneawa Street
- 35. KALOLINA PLACE - Resolution 245  
Coconut Grove, Kailua, off Kalolina Street
- 36. KAHOA DRIVE - Resolution 255  
Teixeira Subdivision, Coconut Grove, Kailua,  
off Kihapai Street
- 37. LOWELL PLACE - Resolution 254  
Lowell Tract, Kapalama, off Kokea Street
- 38. LAA LANE - Resolution 254  
Lowell Tract, Kapalama, off Auld Lane
- 39. LONO PLACE - Resolution 256  
Lau Subdivision, Manoa, off Kahaloa Drive
- 40. KOLOMONA PLACE - Resolution 301  
Manoa, off 3305 East Manoa Road
- 41. AALIAMANU PLACE - Resolution 302  
Territory of Hawaii Subdivision, off Tantalus  
Drive

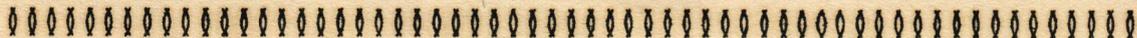






- ✓ 55. NEHU PLACE - Resolution 591  
Aina Haina Subdivision, Wailupe
- ✓ 56. LIMU PLACE - Resolution 591  
Aina Haina Subdivision, Wailupe
- ✓ 57. MAKALENA STREET - Resolution 591  
Aina Haina Subdivision, Wailupe
- ✓ 58. NENUE STREET - Resolution 591  
Aina Haina Subdivision, Wailupe
- ✓ 59. OIO DRIVE - Resolution 591  
Aina Haina Subdivision, Wailupe
- ✓ 60. UA DRIVE - Resolution 672  
Veterans Village, Palolo
- ✓ 61. MAOI PLACE - Resolution 672  
Veterans Village, Palolo
- ✓ 62. KUPAA DRIVE - Resolution 672  
Veterans Village, Palolo
- ✓ 63. ALIHILANI PLACE - Resolution 672  
Morgan Tract, Makiki, off Manoa Road





MASTER PLAN

Important progress was made during the year 1947 on many elements of the Master Plan to the end that the City Planning Commission was able to adopt the first phase of the Master Plan Streets Layout and other features. This is mandated by the Territorial Statutes.

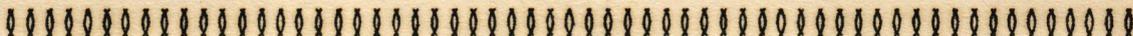
In the case of the street and highway plan, the Commission has formally adopted the alignment and widths of proposed major thoroughfares and arterial routes. These include (1) the waterfront route in the form of an elevated highway, and (2) a mauka arterial route, following the alignment of Vineyard Street and its extension in the westerly and easterly directions, including Captain Cooke Avenue, Lunalilo Street, Bingham Street, and Waialae Avenue.

The next phase in the development of the Master Plan street layout consists in the establishment of accurate survey boundaries and tentative grade, and other detailed features in process of planning which the Commission hopes to concentrate its efforts on within the near future.

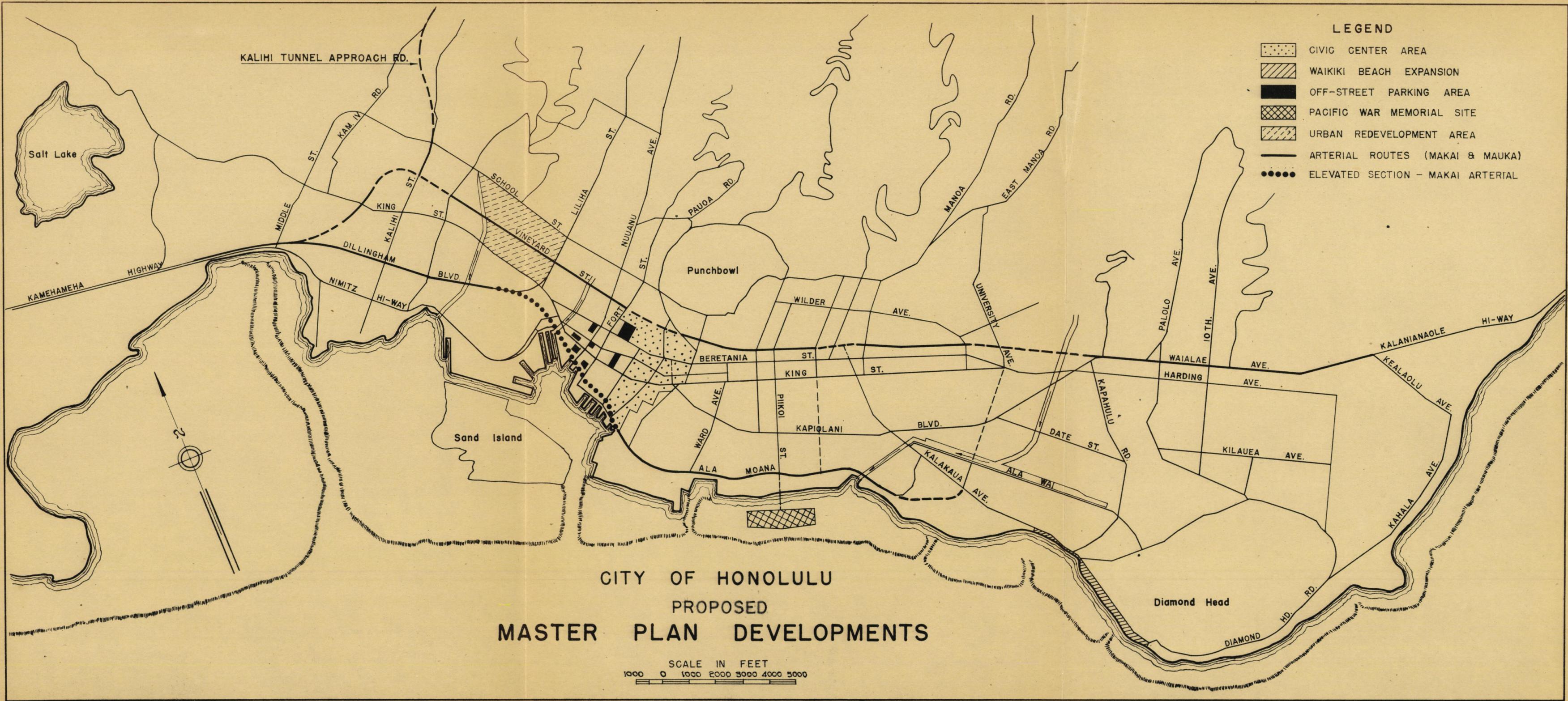
Besides the streets and highway plans, the features of the Master Plan, adopted in accordance to the provisions of Section 6636, Revised Laws of Hawaii, 1945, include proposed sites for parks and playgrounds, schools, civic centers, off-street parking, shoreline improvements for a portion of Waikiki Beach, extending from the Diamond Head boundary of the Moana Hotel, to and including the property owned by the Elk's Club. Noted on Exhibit III are some of the features adopted as part of the Master Plan.

A progress report on the Master Plan now being prepared for release, will outline in detail the general plan for development of much-needed improvements for the fast-growing city of Honolulu.

The Master Plan wisely anticipates and properly correlates all future improvements. Such physical planning moreover takes into account all appropriate social and economic factors essential to the building of a sound foundation for every phase of community life. A Master Plan of a city entails the analysis of its economic base and population trend in order to anticipate its probable







PERSONNEL

The City Planning Commission's engineering staff presently is made up of 14 employees. It is hoped that during the coming year the Commission will be able to fill existing vacancies in its engineering staff. This is a much-needed step in order to proceed with the establishment of grade and lines for street layouts and detail planning of urban redevelopment, off-street parking, and certain rural areas as required by Territorial Statutes.

FINANCIAL STATEMENT

City Planning Budget for 1947:

Salaries and Wages .....	\$54,595.00
Contractual Services .....	2,160.00
Materials and Supplies .....	1,150.00
Fixed Charges .....	54.00
Equipment .....	570.00
TOTAL .....	<u>\$58,529.00</u>
Lapsed during the year .....	<u>\$10,000.00</u>
NET .....	\$48,529.00

DISBURSEMENTS:

Salaries and Wages .....	\$42,533.14
Contractual Services .....	2,029.48
Materials and Supplies .....	1,116.55
Fixed Charges .....	14.00
Equipment .....	510.40
TOTAL .....	<u>\$46,203.57</u>
Unexpended Balance - December 31, 1947	\$ 2,325.43

MISCELLANEOUS NON REVENUE:

Receipts .....	\$ 5,300.00
Disbursements .....	4,609.62

